Listing and Amendments to the Claims

This listing of claims will replace all previous versions and listings of claims in this application:

1. **(Currently Amended)** A method of detecting a watermark in an information signal, comprising:

deriving a set of correlation results ~~(64)~~ by correlating the information signal with a watermark ~~(Wi)~~ for each of a plurality of relative positions of the information signal with respect to the watermark;

calculating a metric which is based on a cluster ~~(102)~~ of the results ~~(64)~~ selected from the overall set of results; and

comparing the calculated metric with a cluster threshold value ~~(h)~~ which is indicative of the cluster ~~(102)~~ representing a correlation peak.

2. **(Currently Amended)** A method according to claim 1 wherein the metric is calculated for a plurality of different clusters selected from the overall set of results ~~(64)~~.

3. **(Currently Amended)** A method according to claim 2 wherein the metric is calculated for a cluster of results centred on each correlation result in the set of correlation results ~~(64)~~.

4. **(Currently Amended)** A method according to claim 1 wherein the metric is the mean square value of the cluster ~~(102)~~ of correlation results.

5. **(Currently Amended)** A method according to claim 1 wherein the cluster threshold value varies according to the size of the cluster ~~(102)~~.

6. **(Original)** A method according to claim 1 further comprising an initial step of identifying at least one cluster of correlation results which are likely to represent a correlation peak and only performing the step of calculating the metric on each of the identified clusters.

7. **(Original)** A method according to claim 6 wherein the step of identifying clusters of correlation results comprises determining all correlation results in the set which exceed a

detection threshold value and then determining which of those correlation results are located within a predetermined distance of each other.

8. **(Cancelled)**

9. **(Currently Amended)** A watermark detector for detecting a watermark in an information signal, comprising:

means for deriving a set of correlation results ~~(64)~~ by correlating the information signal with a watermark ~~(Wi)~~ for each of a plurality of relative positions of the information signal with respect to the watermark;

means for calculating a metric based on a cluster ~~(102)~~ of the results selected from the overall set of results ~~(64)~~; and

means for comparing the calculated metric with a cluster threshold value ~~(h)~~ which is indicative of the cluster representing a correlation peak.

10. **(Cancelled)**

11. **(Original)** A watermark detector according to claim 9 wherein the means for deriving a set of correlation results, the means for calculating a metric and the means for comparing the calculated metric comprise a processor which is arranged to execute software for performing those functions.

12. **(Original)** Apparatus for presenting an information signal comprising means for disabling operation of the apparatus in dependence on the presence of a valid watermark in the information signal, wherein the apparatus comprises a watermark detector according to claim 9.

13. **(Original)** A watermark detector for detecting a watermark in an information signal, comprising:

a processor for deriving a set of correlation results by correlating the information signal with a watermark for each of a plurality of relative positions of the information signal with respect to the watermark; said processor calculating a metric based on a cluster of the results selected from the overall set of results; said processor further comparing the

calculated metric with a cluster threshold value which is indicative of the cluster representing a correlation peak.